

## BRSK2 Antibody

*BRSK2, SAD1, STK29, PEN11B, C11orf7, BR serine/threonine kinase 2, serine/threonine kinase 29, homolog of SAD-1 (C. elegans), chromosome 11 open reading frame 7, chromosome 11 open reading frame 7*

**CATALOG NO.: 45-342**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

BRSK2 Antibody.

**SOURCE:**

BRSK2 antibody was raised against a synthetic peptide of BRSK2.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_003948.2

**SPECIES REACTIVITY:**

Human, Mouse, Rat, Dog

**TESTED APPLICATION:**

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**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:8,000.  
Western Blot: Preliminary experiments gave bands at approx 50-55kDa and 15kDa in human brain, mouse brain and rat brain lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 74.7kDa according to NP\_003948.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the bands).

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Kishi M, Pan YA, Crump JG, Sanes JR. Mammalian SAD kinases are required for neuronal polarization. Science. 2005 Feb 11;307(5711):929-32.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.